

FIGURE 1A

PROJECT	CLASS	SUBCLASS
EV		
CRAFTSMAN		

241	C	G	T	P	N	Y	L	S	P	E	V	L	N	K	Q	G	H	G	C	E	S	D	I	W	A	L	G	C	V	M	Y	T	M	L	L	G	R	P	P	F	DAPK-1
182	C	G	T	P	N	Y	V	A	P	E	V	L	L	R	Q	G	H	G	P	E	A	D	V	W	S	L	G	C	V	M	Y	T	L	L	C	G	S	P	P	F	g1488263
281	E	T	N	L	K	E	T	Y	R	C	I	R	E	A	R	Y	T	M	P	S	S	L	L	A	P	A	K	H	L	I	A	S	M	L	S	K	N	P	E	DAPK-1	
222	E	T	A	D	L	K	E	T	Y	R	C	I	K	Q	V	H	Y	T	L	P	A	S	L	S	L	P	A	R	Q	L	L	A	I	L	R	A	S	P	R	g1488263	
321	D	R	P	S	L	D	D	I	I	R	H	D	F	F	L	Q	G	F	T	P	D	R	L	S	S	S	C	H	T	V	P	D	F	H	L	S	S	P	A	DAPK-1	
262	D	R	P	S	I	D	Q	I	L	R	H	D	F	F	T	K	G	Y	T	P	D	R	L	P	I	S	C	V	T	V	P	D	L	T	P	P	N	P	A	g1488263	
361	K	N	F	F	K	K	A	A	A	L	F	G	G	K	K	D	K	A	R	Y	I	D	T	H	N	R	V	S	K	E	D	E	D	I	Y	K	L	R	H	DAPK-1	
302	R	S	L	F	A	K	V	T	K	S	L	F	G	R	K	K	K	S	K	N	H	-	-	-	-	-	-	A	Q	E	R	D	E	V	S	G	L	V	S	g1488263	
401	D	L	K	K	T	S	I	T	Q	Q	P	S	K	H	R	T	D	E	E	L	Q	P	P	T	T	T	V	A	R	S	G	T	P	A	V	E	N	K	Q	Q	DAPK-1
335	G	L	M	R	T	S	V	G	H	Q	D	A	R	P	E	A	P	A	S	G	P	A	P	V	S	L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	g1488263
441	I	G	D	A	I	R	M	I	V	R	G	T	L	G	S	C	S	S	S	S	E	C	L	E	D	S	T	M	G	S	V	A	D	T	V	A	R	V	L	R	DAPK-1
368	D	S	S	P	-	-	-	-	-	R	G	T	L	A	S	S	G	D	G	F	E	-	-	E	G	L	T	V	A	T	V	E	S	A	L	C	A	L	R	g1488263	

FIGURE 1B

APPROVED	O.G. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS

481 G C L E N M P E A D C I P K E - Q L S T S F Q W V T K W V D Y S N K Y G F G Y Q DAPK-1
401 N C I A F M P P A E Q N P A P L A Q P E P L V W V S K W V D Y S N K F G F G Y Q g1488263

520 L S D H T V G V L F N N G A H M S L L P D K K T A H Y Y A E L G Q C S V F P A T DAPK-1
441 L S S R R V A V L F N D G T H M A L S A N R K T V H Y N P T S T K H F S F S V G g1488263

560 D A P E Q F I S Q V T V L K Y F S H Y M E E N L M D G G D L P S V T D I R R P - DAPK-1
481 A V P R A L Q P Q L G I L R Y F A S Y M E Q H L M K G G D L P S V E E V E V P A g1488263

599 R L Y L L Q W L K S D K A L M M L F N D G T F Q V N F Y H D H T K I I I C S Q N DAPK-1
521 P P L L L Q W V K T D Q A L L M L F S D G T V Q V N F Y G D H T K L I L S G - W g1488263

639 E E Y L L T Y I N E D R I S T T F R L T T L L M S G C S S E L K N R M E Y A L N DAPK-1
560 E P L L V T F V A R N R S A C T Y L A S H L R Q L G C S P D L R Q R L R Y A L R g1488263

679 M L L Q R C - N DAPK-1
600 L L R D R S P A g1488263

FIGURE 1C

1	M P P K R	- - - - -	N E K Y K L P I P F P E G K V L D D M E G N Q W V L G	DAPK-2
1	M P R V K A A Q A G R Q S S A K R H L A E Q F A V G E I I T D M A K K E W K V G			g1827450
33	K K I G S G G F G L I Y L A - -	F P T N K P E K D A R H V V K V E Y Q E N G P L	DAPK-2	
41	L P I G Q G G F G C I Y L A D M N S S E S V G S D A P C V V K V E P S D N G P L			g1827450
71	F S E L K F Y Q R V A K K D C I K K W I E R K Q L D Y L G I P L F Y G S G L T E	DAPK-2		
81	F T E L K F Y Q R A A K P E Q I Q K W I R T R K L K Y L G V P K Y W G S G L H D			g1827450
111	F K G R S Y R F M V M E R L G I D L Q K I S G Q N G T - F K K S T V L Q L G I R	DAPK-2		
121	K N G K S Y R F M I M D R F G S D L Q K I Y E A N A K R F S R K T V L Q L S L R			g1827450
150	M L D V L E Y I H E N E Y V H G D V K A A N L L L G Y K N P D Q V Y L A D Y G L	DAPK-2		
161	I L D I L E Y I H E H E Y V H G D I K A S N L L N Y K N P D Q V Y L V D Y G L			g1827450
190	S Y R Y C P N G N H K Q Y O E N P R K G H N G T I E F T S L D A H K G V G E I A	DAPK-2		
201	A Y R Y C P E G V H K E Y K E D P K R C H D G T I E F T S I D A H N G V A P - -			g1827450

FIGURE 2A

Figure 2B

230 QFLVCAHSLAYDEKPNYOALKKILNPHGIPLGPLDfstKG DAPK-2
239 - - - - - SRRG-DLEILGYC-MI g1827450

270 QSINVHTPNSQKVDsqKAATKQVNKAHNRLIEKKVHSERS DAPK-2
253 QWLTGHLPEWEDNLKDPKYVRDS- - - - - g1827450

310 AESCATWKVKKEELIGLMNNEAAQESTR-RRQKYQESQ E DAPK-2
275 - - - - - KIRYRENIASLM D KCFPEKNKPG EIAKYME TVK g1827450

349 PLNEVNSFPQKISYTQFPNSFYEPHQDFTSPDIFK- - - KS DAPK-2
308 LL D - - - YTEKPLYENLRDILLQGLKAI GSKDDGK L D L S V g1827450

386 RSPSWYKYTSVSTGITDLESSTGLWPTISQFTLSEETNA DAPK-2
344 VENGGLKAKTITKKRKK EIE SKE- - PGVEDTEW SNTQTE g1827450

426 DVYY YRIIPVLLMLVFLALFFL
382 EAIQTRSRTRKRVRQK DAPK-2
g1827450

FIGURE 2B

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	

FIGURE 3A

1	M L A R R K P V L P A L T I N P T I A E G P S P T S E G A S E A N L V D L Q K K	DAPK-3
1	M L A R R K P V L P A L T I N P T I A E G P S P T S E G A S E A H L V D L Q K K	g303804
41	L E E L E L D E Q Q K R L E A F L T Q K A K V G E L K D D D F E R I S E L G A	DAPK-3
41	L E E L D L D E Q Q R K R L E A F L T Q K A K V G E L K D D D F E R I S E L G A	g303804
81	G N G G V V T K V Q H R P S G L I M A R K L I H L E I K P A I R N Q I I R E L Q	DAPK-3
81	G N G G V V T K A R H R P S G L I M A R K L I H L E I K P A V R N Q I I R E L Q	g303804
121	V L H E C N S P Y I V G F Y G A F Y S D G E I S I C M E H M D G G S L D H L L K	DAPK-3
121	V L H E C N S P Y I V G F Y G A F Y S D G E I S I C M E H M D G G S L D Q V L K	g303804
161	E A K R I P E E I L G K V S I A V L R G L A Y L R E K H Q I M H R D V K P S N I	DAPK-3
161	E A K R I P E D I L G K V S I A V L R G L A Y L R E K H Q I M H R D V K P S N I	g303804

FIGURE 3A

APPROVED	J.G. FG.	
BY	CLASS	SECCLASS
DRAFTSMAN		

701270 020300

201	L V N S R G E I K L C D F G V S G Q L I D S M A N S F V G T R S Y M A P E R L Q	DAPK-3
201	L V N S R G E I K L C D F G V S G Q L I D S M A N S F V G T R S Y M S P E R L Q	g303804
241	G T H Y S V Q S D I W S M G L S L V E L A V G R Y P I P P P D A K E L E A I F G	DAPK-3
241	G T H Y S V Q S D I W S M G L S L V E L A I G R Y P I P P P D A K E L E A S F G	g303804
281	R P V V D G E E G E P H S I S P R P R P P G R P V S G H G M D S R P A M A I F E	DAPK-3
281	R P V V D G A D G E P H S V S P R P R P P G R P I S G H G M D S R P A M A I F E	g303804
321	L L D Y I V N E P P P K L P N G V F T P D F Q E F V N K C L I K N P A E R A D L	DAPK-3
321	L L D Y I V N E P P P K L P S G V F S S D F Q E F V N K C L I K N P A E R A D L	g303804
361	K M L T N H T F I K R S E V E E V D F A G W L C K T L R L N Q P G T P T R T A V	DAPK-3
361	K L L T N H A F I K R S E G E D V D F A G W L C R T L R L K Q P S T P T R T A V	g303804

FIGURE 3B

FIGURE 4A

241 A H R T E F Y R N L T H N P P S D F S F Q N M N S K R K A E T W K K N R R Q L A DAPK-4
240 A H R T E F Y R N L N H S L P S D F T F Q N M N S K R K A E T W K R N R R Q L A g854170

281 Y S T V G T P D Y I A P E V F M Q T G Y N K L C D W S L G V I M Y E M L I G Y DAPK-4
280 F S T V G T P D Y I A P E V F M Q T G Y N K L C D W S L G V I M Y E M L I G Y g854170

321 P P F C S E T P Q E T Y R K V M N W K E T L V F P P E V P I S E K A K D L I L R DAPK-4
320 P P F C S E T P Q E T Y K K V M N W K E T L T F P P E V P I S E K A K D L I L R g854170

361 F C I D S E N R I G N S G V E E I K G H P F F E G V D W E H I R E R P A A I P I DAPK-4
360 F C C E W E H R I G A P G V E E I K S N S F F E G V D W E H I R E R P A A I S I g854170

401 E I K S I D D T S N F D D F P E S D I L Q P V P N T T - - - E P D Y K S K D W V DAPK-4
400 E I K S I D D T S N F D E F P E S D I L K P T V A T S N H P E T D Y K N K D W V g854170

438 F L N Y T Y K R F E G L T O R G S I P T Y M K A G K L DAPK-4
440 F I N Y T Y K R F E G L T A R G A I P S Y M K A A K g854170

FIGURE 4B

1 M L L L K - - - - K H T E D I S S V Y E I R E R L G S G A F S E V V L A Q E R DAPK-5
1 M L G A V E G P R W K Q A E D I R D I Y D F R D V L G T G A F S E V I L A E D K g790790

36 G S A H L V A L K C I P K K A L R G K E A L V E N E I A V L R R I S H P N I V A DAPK-5
41 R T Q K L V A I K C I A K E A L E G K E G S M E N E I A V L H K I K H P N I V A g790790

76 L E D V H E S P S H L Y L A M E L V T G G E L F D R I M E R G S Y T E K D A S H DAPK-5
81 L D D I Y E S G G H L Y L I M Q L V S G G E L F D R I V E K G F Y T E R D A S R g790790

116 L V G Q V L G A V S Y L H S L G I V H R D L K P E N L L Y A T P F E D S K I M V DAPK-5
121 L I F Q V L D A V K Y L H D L G I V H R D L K P E N L L Y Y S L D E D S K I M I g790790

156 S D F G L S K I Q - A G N M L G T A C G T P G Y V A P E L L E Q K P Y G K A V D DAPK-5
161 S D F G L S K M E D P G S V L S T A C G T P G Y V A P E V L A Q K P Y S K A V D g790790

195 V W A L G V I S Y I L L C G Y P P F Y D E S D P E L F S Q I L R A S Y E F D X P DAPK-5
201 C W S I G V I A Y I L L C G Y P P F Y D E N D A K L F E Q I L K A E Y E F D S P g790790

FIGURE 5A

FIGURE 5B

235	F	W	D	D	I	S	E	S	G	K	D	F	I	R	H	L	L	E	R	D	L	Q	K	R	F	T	C	Q	Q	A	L	R	D	L	W	I	F	W	D	T	DAPK-5
241	Y	W	D	D	I	S	D	S	A	K	D	F	I	R	H	L	M	E	K	D	P	E	K	R	F	T	C	E	Q	A	L	Q	H	P	W	I	A	G	D	T	g790790
275	G	F	G	R	D	I	L	G	F	V	S	E	Q	I	R	K	N	F	A	W	T	H	W	K	R	A	F	N	A	T	L	F	L	R	H	I	R	K	L	DAPK-5	
281	A	L	D	K	N	I	H	Q	S	V	S	E	Q	I	K	K	N	F	A	K	S	K	W	K	Q	A	F	N	A	T	A	V	V	R	H	M	R	K	L	O	g790790
314	-	G	Q	I	P	E	G	E	G	-	-	A	S	E	Q	G	M	X	R	H	S	H	X	G	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	DAPK-5	
321	L	G	T	S	Q	E	G	Q	G	Q	T	A	S	H	G	E	L	T	P	V	A	G	G	P	A	A	G	C	C	C	R	D	C	C	V	E	P	G	T	g790790	
335	-	L	R	A	G	Q	P	P	K	W	DAPK-5																														
361	E	L	S	P	T	L	P	H	Q	L	g790790																														

FIGURE 5B

1	M I L A S V L R S G P G G L P L R P L L G P A L A L R A R S T S A T D T H H V	DAPK-6
1	- - - - -	g924921
41	E M A R E R S K T V T S F Y N Q S A I D A A A E K P S V R L T P T M M L Y A G R	DAPK-6
11	E L A R E R S K T V T S F Y N Q S A I D V V A E K P S V R L T P T M M L Y S G R	g924921
81	S Q D G S H L L K S A R Y L Q Q E L P V R I A H R I K G F R C L P F I I G C N P	DAPK-6
51	S Q D G S H L L K S G R Y L Q Q E L P V R I A H R I K G F R S L P F I I G C N P	g924921
121	T I L H V H E L Y I R A F Q K L T D F P P I K D Q A D E A Q Y C Q L V R Q L L D	DAPK-6
91	T I L H V H E L Y I R A F Q K L T D F P P I K D Q A D E A Q Y C Q L V R Q L L D	g924921
161	D H K D V V T L L A E G L R E S R K H I E D E K L V R Y F L D K T L T S R L G I	DAPK-6
131	D H K D V V T L L A E G L R E S R K H I E D E K L V R Y F L D K T L T S R L G I	g924921
201	R M L A T H H L A L H E D K P D F V G I I C T R L S P K K I I E K W V D F A R R	DAPK-6
171	R M L A T H H L A L H E D K P D F V G I I C T R L S P K K I I E K W V D F A R R	g924921

FIGURE 6A

SECRET

APPROVED	DATE
BY	CLASS
DRAFTSMAN	SUBCLASS

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241	L C E H K Y G N A P R V R I N G H V A A R F P F I P M P L D Y I L P E L L K N A	DAPK-6
211	L C E H K Y G N A P R V R I N G H V A A R F P F I P M P L D Y I L P E L L K N A	g924921
281	M R A T M E S H L D T P Y N V P D V V I T I A N N D V D L I I R I S D R G G I	DAPK-6
251	M R A T M E S H L D T P Y N V P D V V I T I A N N D V D L I I R I S D R G G I	g924921
321	A H K D L D R V M D Y H F T T A E A S T Q D P R I S P L F G H L D M H S G A Q S	DAPK-6
291	A H K D L D R V M D Y H F T T A E A S T Q D P R I S P L F G H L D M H S G G Q S	g924921
361	G P M H G F G F G L P T S R A Y A E Y L G G S L Q L Q S L Q G I G T D V Y L R L	DAPK-6
331	G P M H G F G F G L P T S R A Y A E Y L G G S L Q L Q S L Q G I G T D V Y L R L	g924921
401	R H I D G R E E S F R I	DAPK-6
371	R H I D G R E E S F R I	g924921

FIGURE 6B

1	MLEKLEFEDEAVE	SE	- - - - -	SGVYMRFRSHKCYD	DAPK-7
1	METVISSDSSPAVEN	EH	HPQETPESNN	SVYTSFMKSHRCYD	g1335856
32	IVPTSSSKLVVFDD	TL	QVKKAFFALVAN	GVRAAPLWESKKQ	DAPK-7
41	LIP TSSSKLVVFDD	SL	QVKKAFFALVT	NGVRAAPLWD	SKKQ
72	SFVGMLTITD	FIN	ILHRYYKSP	MVQIYELEEHK	IETWRELV
81	SFVGMLTITD	FIN	ILHRYYKSA	LVQIYELEEHK	IETWRELV
112	YLOETF	KPLVN	ISPDASLFD	AVYSLIKNK	IHRLLPV
121	YLODS	FKPLVC	ISPNASLFD	AVYSLIRNK	IHRLLPV
152	GNA	LYILTHKKR	ILKFL	QLFM	SDMPKPA
161	GN	TLYILTHKKR	ILKFL	KLFI	TEFPKPE
					FMSKSL
					EELQ
					IGT

FIGURE 7A

APPROVED	C.G.F.G.
BY	CLASS-SUBCLASS
DRAFTSMAN	

192	Y H N I A F I H P D T P I I K A L N I F V E R R I S A L P V V D E S G K V V D I	DAPK-7
201	Y A N I A M V R T T T P V Y V A L G I F V Q H R V S A L P V V D E K G R V V D I	g1335856
232	Y S K F D V I N L A A E K T Y N N L D I T V T O A L Q H R S Q Y F E G V V K C N	DAPK-7
241	Y S K F D V I N L A A E K T Y N N L D V S V T K A L Q H R S H Y F E G V L K C Y	g1335856
272	K L E I L E T I V D R I V R A E V H R L V V V N E A D S I V G I I S L S D I L Q	DAPK-7
281	L H E T L E T I I N R L V E A E V H R L V V V D E N D V V K G I V S L S D I L Q	g1335856
312	A L I L T P A G A K Q K E T E T E	DAPK-7
321	A L V L T G G E K K P	g1335856

FIGURE 7B